



Selecting Advanced Standards

for Advanced Mathematics in the Elementary Classroom

Bump Up

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Higher Standards or Those You Do Not Normally Reach


Bump Up

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Selecting a Higher Grade Level Standard






Look to state standards



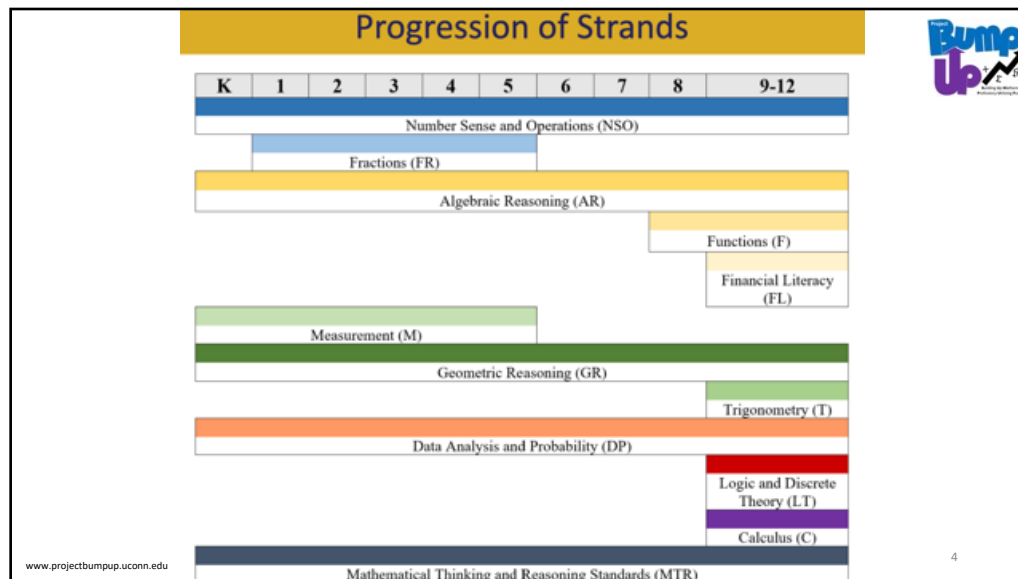
Look for similar identification letters and numbers





Look for similar key words and phrases as cluster names may change

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Selecting a Higher Grade Level Standard

- Gr. 4.NSO.1.1: Express how the value of a digit in a multi-digit **whole number** changes if the digit moves one place to the left or right.
- Gr. 5.NSO.1.1: Express the value of a digit in a multi-digit number with **decimals** to the thousandths changes if the digit moves one or more places to the left or right.
- Gr. 6.NSO.1.1: 1.1: Extend previous understanding of numbers to define rational numbers. **Plot, order, and compare rational numbers.**

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Selecting a Higher Grade Level Standard

- Gr. 4.NSO.1.5: 1.5: Plot, order and compare decimals up to the **hundredths**.
- Gr. NSO.1.5: 1.5: Round multi-digit numbers with decimals to the **thousandths to the nearest hundredth, tenth or whole number.**
- Gr. 6 – **Not Available**

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Selecting Standards You Do Not Normally Reach

- Sub-standards you do not have as much time to address throughout the unit
- Standards at the end of the year's scope and sequence

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Student Group

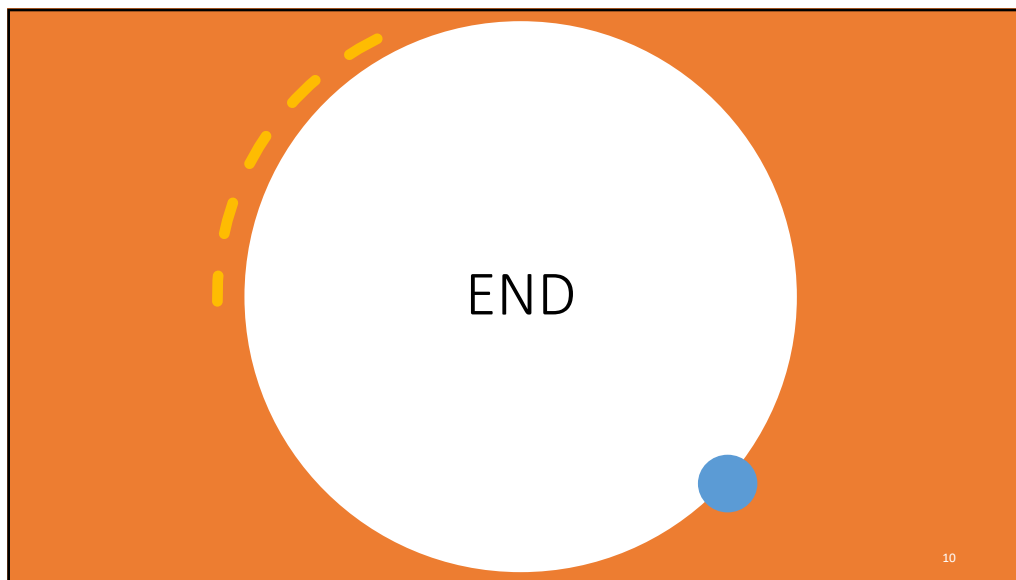
- Scored 89–98% on a Benchmark Unit Pre-assessment.
- Creative ways of approaching problems, strong number sense, and understanding without a need for concrete materials

Unit: <u>1: Number Sense/Operations in Base 10</u> Lesson: <u>1: Understand Place Value</u>	Date: _____	Grouping of Advanced Math Students <input type="checkbox"/> Whole Class <input checked="" type="checkbox"/> Flexible Group <input type="checkbox"/> Individual
Standard(s) for Today's Lesson		
Differentiation		
Content From a Supplemental Source Topic _____ Source _____ DOK Level 3 __ or Level 4 __? Brief description of differentiated activity:	Differentiation of the Standard Selected Above <input type="checkbox"/> Math differentiation option from the textbook for this lesson.* Page _____ Activity Number(s) _____ DOK Level 3 __ or Level 4 __? and/or <input type="checkbox"/> DoK Differentiated to: Level 3 __ Level 4 __? Brief description of differentiated activity:	Alternative Standard Grade ____ Standard _____ DOK Level 3 __ or Level 4 __? Brief description of differentiated activity:

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Project BUMP UP Pacing Guide Differentiation Log 4		
<p>Student Group</p> <ul style="list-style-type: none"> Scored 89–98% on a Benchmark Unit Pre-assessment. Creative ways of approaching problems, strong number sense, and understanding without a need for concrete materials 		
<p>Unit: <u>1: Number Sense/Operations in Base 10</u></p> <p>Lesson: <u>1: Understand Place Value</u></p>	<p>Date: _____</p>	<p>Grouping of Advanced Math Students</p> <p><input type="checkbox"/> Whole Class</p> <p><input checked="" type="checkbox"/> Flexible Group</p> <p><input type="checkbox"/> Individual</p>
<p>Standard(s) for Today's Lesson</p>		
<p>Standard(s)</p> <p><input type="checkbox"/> NB 1.1 (DOK 1): Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that $700 \div 70 = 10$ by applying concepts of place value and division.</p> <p><input type="checkbox"/> NB 1.2 (DOK 2): Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on</p>		
<p>Differentiation</p>		
<p>Content From a Supplemental Source</p> <p>Topic _____</p> <p>Source _____</p> <p>DOK Level 3 ___ or Level 4 ___?</p> <p>Brief description of differentiated activity:</p>	<p>Differentiation of the Standard Selected Above</p> <p><input type="checkbox"/> Math differentiation option from the textbook for this lesson.*</p> <p>Page _____, Activity Number(s) _____</p> <p>DOK Level 3 ___ or Level 4 ___?</p> <p style="text-align: center;">and/or</p> <p><input type="checkbox"/> DoK Differentiated to: Level 3 ___ Level 4 ___?</p> <p>Brief description of differentiated activity:</p>	<p>Alternative Standard</p> <p>Alternative Math Standard</p> <p>Grade: <u>Gr. 5</u> Standard <u>NB:1.1</u></p> <p>Understand Powers of Ten—Students explore the meaning of powers of ten and investigate what it means to multiply or divide a number by a factor of 10.</p> <p>DoK Differentiated to Level 3 ___ Level 4 <u>X</u></p>

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